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BOOK REVIEWS.

Elementary Algebra. By J. L. NEUFELD. P. Blakiston's Son & Co., Philadelphia. Pp. 383.

Teachers who believe that elementary texts in algebra should be more scholarly and more comprehensive will receive the Neufeld treatise with a great deal of interest. In range of topics and in intensity of treatment this text is comparable to those which appeared twenty or more years ago. The author "does not agree with so-called modern educators who think that too much space is given to the subject of *factoring*. Most failures in algebra can be directly traced to ignorance of *factoring* and the author has therefore given this topic the space its importance demands."

The reader will be interested in the author's selection of content. The theory of negative and fractional exponents, cube root of compound expressions, imaginaries, progressions, inequalities, the binomial theorem with any exponent, permutations and combinations, and logarithms, are among the topics which particularly attract one's attention in examining the text.

It will be interesting to compare the Neufeld book with the Recommendations of the National Committee on Mathematical Requirements.

Vocational Arithmetic for Girls. By NETTIE STEWART DAVIS. Bruce Publishing Co., Milwaukee, Wis. Pp. 138.

The author has here embodied her experience as a trade-school teacher into a practical text-book. She has for several years employed a series of lessons prepared by herself which were correlated to the vocational studies engaged in by the girl students.

The book is divided into four parts. Part I. deals with fundamentals in arithmetic, cost of garments, trade problems such as relate to tucking, hemming, ruffling, belt and smocking.

Part II. treats of decimal fractions, the cost of materials, and domestic science problems. Part III. covers percentage, bias and straight bands, pleating problems, carpeting and review problems. Part IV. goes into the problems of the home involving the use of arithmetic.

Junior High-School Mathematics. Book III. By JOHN C. STONE. Benjamin Sanborn Co., Chicago. Pp. —.

This third book of the Stone Junior High-School series deserves very careful examination. The content is selected from algebra, intuitive geometry, arithmetic, trigonometry and statistics. There is a sanity of balance and treatment of these topics which will commend the book to all types of schools. It follows, of course, the two preceding books of the same series.